

INTERNATIONAL SEARCH REPORT

PCT/GB 03/01173

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F03B13/26 F03B17/06		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F03B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 66200 A (HASSARD JOHN FRANCIS ;IMPERIAL COLLEGE (GB); ROCHESTER GEOFFREY KE) 23 December 1999 (1999-12-23) the whole document	1-7
X	US 5 377 485 A (BELLAMY NORMAN W) 3 January 1995 (1995-01-03) column 10, line 20-44; figures 12,13	1-5
A	US 4 868 408 A (HESH FRANK) 19 September 1989 (1989-09-19) column 4, line 11-41 figure 1	1
A	US 4 372 113 A (RAMER JAMES L) 8 February 1983 (1983-02-08) the whole document	1
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
10 July 2003		31/07/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer
		Giorgini, G

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9966200	A	23-12-1999	AT 231216 T	15-02-2003
			AU 750680 B2	25-07-2002
			AU 4378699 A	05-01-2000
			BR 9911114 A	06-03-2001
			CA 2334715 A1	23-12-1999
			DE 69904934 D1	20-02-2003
			DK 1086310 T3	05-05-2003
			EP 1086310 A1	28-03-2001
			WO 9966200 A1	23-12-1999
			JP 2002518634 T	25-06-2002
			NO 20006338 A	06-02-2001
			US 6568181 B1	27-05-2003
			US 5377485	A
DE 69107453 D1	23-03-1995			
EP 0526470 A1	10-02-1993			
FI 924833 A	23-10-1992			
JP 5506901 T	07-10-1993			
NO 924068 A	27-10-1992			
AT 118598 T	15-03-1995			
CA 2081208 A1	28-10-1991			
WO 9117359 A1	14-11-1991			
HU 63913 A2	28-10-1993			
US 4868408	A	19-09-1989	NONE	
US 4372113	A	08-02-1983	NONE	